

Product Data Sheet

Recombinant Human PLCG1 Protein

Catalog #	Source	Reactivity	Applications
CST1147	E. coli	H	
Description	Recombinant Human PLCG1 Protein is produced by E. coli expression system and the target gene encoding Tyr771-Ala950 is expressed with C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	PLCG1		
Alternative Names	PLC1; 1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-1; PLC-148; Phosphoinositide phospholipase C-gamma-1; Phospholipase C-II; PLC-II; Phospholipase C-gamma-1; PLC-gamma-1		
Entrez Gene	5335		
SwissProt	P19174		
Purity			
Chemical Structure	YGALYEGRNP GFYVEANPMP TFKCAVKALF DYKAQREDEL TFIKSAIIQN VEKQEGGWWR GDYGGKKQLW FPSNYVEEMV NPVALEPERE HLDENSPLGD LLRGVLDVPA CQIAIRPEGK NNRLFVFSIS MASVAHWSLD VAADSQEELQ DWVKKIREVA QTADARLTEG KIMERRKKIA		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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